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Personnel

SIMULATOR TRAINING MANAGEMENT

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements AFRD 36-22, Military Training. This instruction establishes responsibilities and provides guidance for the management, scheduling, and reporting of aircrew simulator training programs. It applies to all units assigned flight simulators which are supported by contract logistics maintenance support. If this regulation conflicts with the provisions of a specific simulator maintenance contract, the requirements contained in the contract take precedence. Conflicts should be elevated through HQ PACAF/DOT for resolution. This regulation does not apply to units whose flight simulators are maintained by the wing deputy commander for maintenance and Air National Guard (ANG) or US Air Force Reserve (USAFR) units and members.

SUMMARY OF REVISIONS

Relegation of responsibility from Numbered Air Force to Wing/Group. Title Changes Wing/Group Director of Operations to Operations Group. Office symbol changes i.e., HQ PACAF/DOO to HQ PACAF/DOT.

Section A— Responsibilities

1. HQ PACAF/DOT will:

- 1.1. Establish guidance for the deployment and management of aircrew simulator training programs.
- 1.2. Determine the training capability of each simulator and identify appropriate portions of each unit's mission for simulator training.
- 1.3. Determine command aircrew simulator hourly training requirements.
- 1.4. Manage the Simulator Certification (SIMCERT) program, identify deficient operations and training areas of each simulator, and request corrections from the appropriate staff agency.

2. Wing/group operations group commander will:

- 2.1. Maintain simulators and develop training programs for the use of flight simulators to accomplish training required by AFI 11-401 and/or the appropriate 51-series manual.
- 2.2. Designate a W/GSTO (wing/group simulator training officer).
- 2.3. Schedule aircrew simulator utilization and ensure the contractor is provided with applicable information for required reports.
- 2.4. Designate an office of primary responsibility (OPR).
- 2.5. Monitor the scheduling and utilization of simulators in their subordinate units and ensure the devices are available and used to accomplish the required training.
- 2.6. Review simulator training programs published by subordinate units annually to verify simulator requirements of applicable directives and this publication.
- 2.7. Notify HQ PACAF/DOTT, in writing, of unresolved problem areas that may result in a loss of training.

3. Wing/group simulator training officer (W/GSTO) will:

NOTE:

The W/GSTO will be a rated officer current and qualified in the aircraft being simulated.

- 3.1. Manage the wing/group simulator training/maintenance program.
- 3.2. Develop the wing/group simulator continuation training program(s) for assigned and attached aircrew (mission ready and mission support).
- 3.3. Develop a program for SI upgrade training and certification.
- 3.4. Ensure SIMCERT profiles (supplied by HQ PACAF/DOTT) are on file. Profiles are developed to evaluate each mission area the simulator is capable of performing. If the SIMCERT checklist is not sufficient for each profile, develop a supplemental checklist. Forward supplemental checklists to HQ PACAF/DOTT for inclusion in the master SIMCERT checklist. SIMCERTs may be flown by qualified W/GSTO, or his designated representative. Wing stan/eval personnel will supervise the accomplishment of the SIMCERT profile. The Project Officer/Quality Assurance Representative (PO/QAR) will be present during SIMCERT. The contractor, when possible, will be present during pre/post-mission briefing.
- 3.5. Review, at least annually, each simulator training program to ensure currency and accuracy.
- 3.6. Work with ATD PO/QAR to ensure the simulator contractor provides a quality simulator. In addition, the W/GSTO will be the alternate PO/QAR under contract maintenance.
- 3.7. Work with wing/group aircrew standardization/ evaluation to use the simulator to improve deficiencies detected by the SIMCERT program.
- 3.8. Work with wing/group weapons and tactics to enhance quality of simulator lesson plans and training.
- 3.9. Ensure each simulator training program contains lesson plans and scenarios with specific objectives for each training mission.

4. Wing/group PO/QAR will:

NOTE:

The PO/QAR is the primary point of contact between the ATD maintenance contractor, administrative contract office, functional users, and base support organization.

- 4.1. Be physically located within the ATD facility.
- 4.2. Develop and implement a quality assurance surveillance program (QASP) and ensure the proper operation and maintenance of assigned ATDs. A copy of the QASP will be forwarded to HQ PACAF/ DOTT.
- 4.3. Perform inspections using methods specified by the QASP.
- 4.4. Set up visitor access and control procedures and/or ensure access and control procedures are set up in accordance with AFR 205-1.
- 4.5. Monitor all in-shop maintenance on ATDs. Repairable processing of ATD-peculiar assets is normally limited to physical movement within the work center. The contractor sets up awaiting-maintenance (AWM) and awaiting-parts (AWP) storage areas within the work center. The QAR ensures these items are processed for repair according to AFR 66-5, Chapters 3 and 11.
- 4.6. Approve and control ATD cannibalization actions according to Technical Order 00-20-2.
- 4.7. Set up procedures for severe weather warnings and/or ensure the procedures are set up within the scope of the contract.
- 4.8. Keep the responsible wing managers informed on ATD status.
- 4.9. Tells MICAP when reportable items are received.
- 4.10. Ensure a debriefing is accomplished at the end of each mission.
- 4.11. Ensure publications used by the aircrews are current and maintained in the ATD area. Those publications which reflect contractual obligations may be located outside the ATD facility.
- 4.12. Review and validate the contractor's certificate of service.
- 4.13. Verify status and content of the government-provided spares package on a routine basis.

5. Squadron commander/operations officer will approve selected members for additional duty as SI.

Section B—Wing Simulator Training Programs

6. Program Development. Design training programs to obtain the maximum aircrew mission training within the capabilities of each simulator. Emphasize lesson plan/scenario training areas that complement or enhance aircrew training as it relates to the unit's primary tasking.

7. Priority for Simulator Utilization:

- 7.1. Research of flight safety items.
- 7.2. Initial qualification and mission qualification.

- 7.3. Aircrew evaluations.
- 7.4. Continuation and refresher training.
- 7.5. Operational test and evaluation (OT&E).
- 7.6. Maintenance proficiency training; for example, engine-run training.

8. Conduct of Training. Conduct simulator training under the most realistic conditions possible.

- 8.1. When possible, maintain crew integrity of formed crews during simulator training.
- 8.2. Use aircrew communication equipment and navigation facilities normally used in flight. Instructors and contract technicians should simulate ATC and ground crew personnel as required.
- 8.3. On instructional missions, the SI will determine when degraded operation of equipment during a mission will no longer allow effective training. After a contractor simulator technician determines the extent of maintenance difficulties, the SI determines if training should continue, an alternate mission should be used, or training should cease. The W/GSTO or QAR should be consulted before a mission is aborted. Document in the training records all cases of training under degraded simulator operations and inform the W/GSTO or QAR of the degraded simulator performance areas.

9. Aircrew Simulator Training Requirements are published in the appropriate 51-series manuals.

Section C— Scheduling and Reports

10. Scheduling. Conduct simulator scheduling at the monthly and weekly scheduling meeting in accordance with AFR 60-12 and paragraph 9 of this regulation.

Reports will be forwarded to HQ PACAF not later than the fifth workday of the month as an attachment to the monthly AFLC 1351, PO Evaluation of Contractor's Performance. The report will be mailed to HQ PACAF/DOIT and parent numbered air force, with info copy of the applicable weapon system development technician team (DTT). Reporting period is from 0001 hours of the first day of the month through 2400 hours of the last calendar day of the month.

11. Scheduling Effectiveness:

- 11.1. Deviations. In order to measure scheduling effectiveness, deviations to the published schedule will be monitored by the operations group commander.
- 11.2. Schedule Change. Schedule changes that can occur are governed by each individual simulator maintenance contract. Scheduling changes will be made within the provisions of the contract.

12. Supplements. All units supplementing this regulation will provide a copy to HQ PACAF/DOIT.

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